

Study Number: C11054-02
Test Type: TOX
Route: Oral Gavage
Species/Strain: Mouse/B6C3F1/N

PA48: Summary of Tissue Concentration

Test Compound: Sulfolane
CAS Number: 126-33-0

Date Report Requested: 01/28/2019
Time Report Requested: 08:50:56
Lab: Battelle

C Number:

C11054-02

Study Gender:

Both

PWG Approval Date

See web page for date of PWG Approval

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		Male			
Phase	Dose (mg/kg)	0	1	10	30
SD 20	Sulfolane Plasma Concentration (ng/ml)	NR	NR	NR	NR
SD 28	Sulfolane Plasma Concentration (ng/ml)	1.39 ± 0.77 (3)	NR	NR	4976.67 ± 841.63 (3)
SD 29	Sulfolane Plasma Concentration (ng/ml)	BD	BD	BD	BD

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		Male		
Phase	Dose (mg/kg)	100	300	800
SD 20	Sulfolane Plasma Concentration (ng/ml)	NR	NR	665142.86 ± 34001.70 (7)
SD 28	Sulfolane Plasma Concentration (ng/ml)	83833.33 ± 3583.45 (3)	359333.33 ± 881.92 (3)	NR
SD 29	Sulfolane Plasma Concentration (ng/ml)	BD	7.99 ± 3.05 (3)	NR

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		Female			
Phase	Dose (mg/kg)	0	1	10	30
SD 18	Sulfolane Plasma Concentration (ng/ml)	NR	NR	NR	NR
SD 28	Sulfolane Plasma Concentration (ng/ml)	10.56 ± 1.20 (3)	NR	NR	7090.00 ± 1322.96 (3)
SD 29	Sulfolane Plasma Concentration (ng/ml)	BD	BD	BD	BD

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		Female				
Phase	Dose (mg/kg)	100		300		800
SD 18	Sulfolane Plasma Concentration (ng/ml)	NR		NR		739600.00 ± 17772.45 (5)
SD 28	Sulfolane Plasma Concentration (ng/ml)	69266.67 ± 13182.10 (3)		354666.67 ± 7356.03 (3)		NR
SD 29	Sulfolane Plasma Concentration (ng/ml)	2.32 ±	0.08 (3)	11.21 ±	3.89 (3)	NR

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LEGEND

Data are displayed as mean \pm SEM (N) unless otherwise noted.

SD – Study Day

Values below the limit of detection (LOD) were substituted with 1/2 the LOD value.

If 80% or more of the values in a dose group were below the LOD, no statistical analysis was performed.

Values for the males in the 800 mg/kg dose group were from samples collected on study day 20 and values for the females in the 800 mg/kg dose group were from samples collected on study day 18.

SD 28: Samples were taken 2 hours post dose from animals in the 0, 30, 100, and 300 mg/kg dose groups only. SD 29: 24 hour post dose samples were taken from animals in the 0, 1, 10, 30, 100, and 300 mg/kg dose groups. Samples from the 800 mg/kg dose group animals were taken on the day of their removal.

BD - Group did not have over 20% of its values above the limit of detection.

NR – not recorded

**** END OF REPORT ****